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PUBLIC DOCUMENT . . . . . No. 23.

SIXTEENTH ANNUAL REPORT

OF THE

WORCESTER INSANE ASYLUM

AT

WORCESTER,

FOR THE

Year ending September 30, 1893.

BOSTON:
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OFFICERS OF THE ASYLUM.

TRUSTEES.

HENRY S. NOURSE,	LANCASTER.
ROCKWOOD HOAR,	WORCESTER.
FRANCIS C. LOWELL,	BOSTON.
ELLEN S. HALE,	BOSTON.
FRANCES M. LINCOLN,	WORCESTER.
A. GEORGE BULLOCK,	WORCESTER.
THOMAS H. GAGE,	WORCESTER.

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	*Superintendent.*
HARTSTEIN W. PAGE, M.D.,	*Assistant Physician.*
CLARENCE R. MACOMBER,	*Clerk and Steward.*
ABBIE S. FAY,	*Matron.*

WILLIAM SHERMAN,	*Engineer.*

TREASURER.

ALBERT WOOD,	WORCESTER.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The Trustees of the Worcester Lunatic Hospital, in their capacity as overseers of the Worcester Insane Asylum, respectfully submit their sixteenth report of the management and condition of the latter institution, — it being for the year closing with Sept. 30, 1893, — and present therewith the reports received from the superintendent and treasurer, including the usual tabular statements.

That the affairs of the Worcester Insane Asylum during the past twelve months have been administered with energy, economy and good judgment, is attested by its financial prosperity, the valuable improvements which have been effected in its buildings and grounds, and the satisfactory condition of the patients. No grave accidents or epidemic disease have detracted from the successful work of the year. The wards have been overcrowded, even more than in the past; perhaps without very serious discomfort to the majority of the unfortunate inmates, but certainly with greatly increased labor and anxiety to the official staff and attendants.

The average number of patients has been 447, twenty more than for the year 1892, and 82 more than the normal capacity of the institution.

The death rate has been notably higher than usual, but a careful study of the cases shows that this is not chargeable to acute disorders, but is plainly attributable to the enfeebled con-

dition of those transferred to the asylum from other institutions, or to age and disease of long standing.

The more noteworthy improvements in the institution have been: the extension and entire reconstruction of the three north centre dining rooms, with their closets and plumbing; the replacing of the wooden dumb-waiter shaft in the south wing with one of fire-proof materials, and the extensive renewal of floors and ceilings in the older sections of both wings. The work upon the alterations, as well as that of the necessary repairs, has been done without permanent increase of the force of mechanics always required for the general care of the buildings and machinery; and the labor of able-bodied patients has been constantly utilized. All changes made have been in the direction of better protection from the danger of fire, and in pursuance of well-studied plans determined upon several years ago, — plans which, when satisfactorily completed, will make this asylum, though by far the oldest in the State, hardly inferior to the most modern hospital building in its convenient equipment for its purpose, its thorough ventilation, sanitary plumbing, sun-lighted and attractive wards.

Miss Sophia N. Graves, who for nearly sixteen years has rendered faithful service in the capacity of matron of the asylum, died on July 17, 1893. The position thus vacated has been filled by the appointment of Miss Abbie S. Fay. No other changes have occurred in the list of officers. The trustees desire again to place upon record their high appreciation of the skill and untiring devotion to the welfare of the institution shown by the superintendent and assistant physician.

HENRY S. NOURSE.
ROCKWOOD HOAR.
FRANCIS C. LOWELL.
ELLEN S. HALE.
FRANCES M. LINCOLN.
A. GEORGE BULLOCK.
THOMAS H. GAGE.

WORCESTER, Sept. 30, 1893.

OFFICERS AND THEIR SALARIES.

Ernest V. Scribner, M.D., *Superintendent*,	$2,000 00
Hartstein W. Page, M.D., *Assistant Physician*,	1,200 00
Clarence R. Macomber, *Clerk and Steward*,	1,000 00
Abbie S. Fay, *Matron*,	400 00
William Sherman, *Engineer*,	1,000 00
Albert Wood, *Treasurer*,	400 00

VALUE OF STOCK AND SUPPLIES.

Oct. 2, 1893.

Live stock,	$425 00
Produce of the garden on hand,	1,800 00
Carriages and agricultural implements,	650 00
Machinery and mechanical fixtures,	9,000 00
Beds and bedding in inmates department,	9,500 00
Other furniture in inmates department,	3,500 00
Personal property of State in superintendent's department,	9,500 00
Ready-made clothing,	275 00
Dry-goods,	1,200 00
Provisions and groceries,	1,800 00
Drugs and medicines,	350 00
Fuel,	3,000 00
Library,	500 00
Other supplies,	1,300 00
	$42,800 00

TREASURER'S REPORT.

To the Trustees of the Worcester Lunatic Hospital, acting for the Worcester Insane Asylum.

I herewith submit my sixteenth annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1893.

RECEIPTS.

Cash on hand Sept. 30, 1892: —		
Cash belonging to asylum,	$2,779 56	
Deposits of inmates,	1,087 27	
		$3,866 83
Amounts received: —		
From the Commonwealth, for support of patients,	$24,465 45	
From cities and towns, for support of patients,	48,966 91	
From other sources,	258 58	
From inmates (on deposit),	45 57	
		73,736 51
		$77,603 34

The expenditures for the year have been as follows: —

Salaries and wages,		$23,110 56
Provisions and supplies: —		
Meats of all kinds,	$3,639 32	
Fish of all kinds,	1,013 11	
Fruit and vegetables,	2,808 18	
Flour,	3,305 41	
Meal for table,	102 95	
Hay and grain,	276 58	
Tea and coffee,	809 06	
Sugar and molasses,	1,126 81	
Milk, butter and cheese,	7,389 08	
Salt and other groceries,	661 64	
All other provisions,	2,248 53	
		23,380 67
Clothing and material,	$5,298 88	
Fuel,	6,724 93	
Amounts carried forward,	$12,023 81	$46,491 23

Amounts brought forward,	$12,023 81	$46,491 23
Lights,	1,098 42	
Medicine and medical supplies,	537 55	
Furniture and furnishings,	2,078 66	
Crockery,	491 36	
Beds and bedding,	1,175 68	
Transportation,	46 98	
Travelling,	65 77	
Trustees' expenses,	39 75	
Soap and water,	1,001 75	
Stationery,	71 29	
Undertaking,	483 00	
Repairs (ordinary),	3,000 00	
All other current expenses,	1,915 93	
		24,029 95
Total current expenses,		$70,521 18
Repairs and improvements (extraordinary),	$4,264 60	
Refunded inmates (on deposits),	17 50	
		4,282 10
Total amount expended,		$74,803 28
Cash on hand Sept. 30, 1893,		2,800 06
		$77,603 34

RESOURCES.

Cash on hand,	$2,800 06	
Due from the Commonwealth for support,	6,095 71	
from cities and towns,	18,160 40	
from other sources,	438 00	
		$27,494 17

LIABILITIES.

Due for supplies and expenses,	$3,664 25	
for salaries and wages,	1,939 88	
inmates (cash on deposit),	1,115 34	
		6,719 47
Total surplus,		$20,774 70

Respectfully submitted,

ALBERT WOOD,
Treasurer.

WORCESTER, MASS., Oct. 2, 1893.

WORCESTER, MASS., Oct. 28, 1893.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1893, with the vouchers which are on file at the asylum and finds it to be correct. He has also compared the amount received for board of patients with the estimated earnings of the institution for one year, and finds them to agree.

GEO. L. CLARK,
Auditor of Accounts.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Lunatic Hospital, acting for the Worcester Insane Asylum.

The sixteenth annual report of the superintendent of the Worcester Insane Asylum is herewith presented for the consideration of your Board.

There were remaining in the asylum at the beginning of the present year 233 males and 216 females — a total of 449 patients. There have been admitted 70 persons — 40 males and 30 females — making a total of 519 cases — 273 males and 246 females. Of this number 4 males and 3 females have been discharged and 38 males and 20 females have died, leaving in the asylum Sept. 30, 1893, 454 patients — 231 males and 223 females. Of those discharged 1 went home with her husband, 1 was transferred to the State Farm at Bridgewater, 1 was transferred to the Taunton Lunatic Hospital, 2 were removed to the almshouse by the Overseers of the Poor, 1 was boarded out by the Inspector of Institutions, and 1 escaped. Of the 70 admissions, 20 males came from the Worcester Lunatic Hospital, and 20 males and 30 females from Taunton.

Chronic dementia has been the predominant form of mental disease among those admitted. This is to be expected when we learn that the average duration of insanity in these cases on reception here was 8 years. Intemperance, heredity, and epilepsy hold the chief places in the table of causes. Intemperance alone is responsible for over 20 per cent. of the cases.

The overcrowding of the asylum continues. The evils incident to this condition have been brought to your attention in former reports, and need not again be mentioned. I cannot say that any particularly disastrous results have occurred di-

rectly traceable to this cause. Much discomfort and annoyance have ensued. A long continuance of this state of affairs must eventually make itself felt in an increase of mortality and a lowering of the general health of the house. The large number of patients, however, has added considerably to the revenues and has thus served to lessen the average weekly cost of support.

Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1893.

Official Year.	Whole Number of Patients.	Daily Average Number of Patients.	Deaths.			Per Cent. on Whole Number of Patients treated.	Per Cent. on Daily Average Number of Patients.
			Males.	Females.	Totals.		
1877–78, ...	429	382.98	18	8	26	6.05	6.78
1878–79, ...	422	367.41	22	11	33	7.82	8.98
1879–80, ...	413	363.15	15	8	23	5.56	6.33
1880–81, ...	401	363.09	18	6	24	5.98	6.62
1881–82, ...	439	375.59	21	11	32	7.28	8.51
1882–83, ...	461	384.33	37	24	61	13.23	15.84
1883–84, ...	438	390.69	22	20	42	9.58	10.75
1884–85, ...	448	391.12	20	14	34	7.58	8.69
1885–86, ...	476	400.28	23	15	38	7.98	9.49
1886–87, ...	444	393.52	21	17	38	8.55	9.65
1887–88, ...	451	393.95	23	14	37	8.20	9.39
1888–89, ...	431	385.56	27	11	38	8.81	9.85
1889–90, ...	428	330.23	27	4	31	7.24	9.38
1890–91, ...	464	394.66	22	12	34	7.32	8.61
1891–92, ...	499	427.82	22	15	37	7.41	8.64
1892–93, ...	519	446.94	38	20	58	11.17	12.97

Acute disease of a serious nature has been rare. Two cases of measles have occurred among the employees. In one the only known source of contagion was a letter received from the person's home, where this malady prevailed in the family. In both cases the disease was mild and followed by a rapid and complete recovery. Death has resulted almost exclusively from those chronic and wasting diseases which are always the chief causes among the chronic insane. In very many of our patients the power of resistance to physical disease is feeble, and slight causes easily operate to produce fatal results. The mortality has been chiefly among persons of middle life and past, — the average age at the time of death being somewhat in excess of fifty years.

Pulmonary consumption has been the cause of death in about one-third of all the cases. An erroneous impression formerly prevailed in the public mind, and to some extent, also, in that of the profession, regarding the communicability of this disease. As its nature was not well understood it was impossible to adopt efficient measures against it. Pathological investigation has established the fact that infection can take place and is accomplished by micro-organisms called bacilli. Proper sanitary precautions can do much to limit the spread of this disease. To be thoroughly effectual this means the intelligent co-operation of the patient. In the majority of cases among the insane this could not be secured. An indiscriminate herding together of all consumptives would accomplish little and tend to hasten the course of disease. Consumption is not contagious in the sense that measles, scarlet fever and small-pox are, but is propagated by the inoculation of tuberculous matter, accomplished in various ways. Personal contact and even intimate association do not imply contagion if no transference of infective matter takes place. Painstaking care will prevent this. A system already weakened by chronic mental disease offers less resistance to the entrance of these micro-organisms. The lung is the most common seat of attack, and pulmonary consumption results. Public sentiment is not sufficiently alive to the danger from this source, and any radical movement for the suppression of this disease would be likely to meet with serious opposition from the people at large. Many cases are received at this asylum either in an advanced

stage of consumption or with the seeds of infection already sown. The transfers quite often consist of many feeble persons who are destined at an early date to figure in the mortuary tables of the institution. Phthisis is not commonly recognized as a cause of insanity in anything save a very small percentage of cases.

The amount of restraint is small and seclusion is never resorted to for any extended period. The added experience of another year strengthens me in my belief that the chronic insane have in the past often been deprived of personal freedom to a far greater extent than was necessary. I do not by this statement mean to advocate the leaving of the insane more to their own devices and fancies. I do believe that they should be led rather than coerced into a more rational way of thinking and doing. If the patient can be induced to feel that he is in the care of friends and helpers, rather than jailers and enemies, the first step has been taken towards a return to a more normal condition of mind. I have not found that the carrying out of this idea has added to the number of escapes.

The work on the north centres has been pushed forward as rapidly as it has been possible with our small force of workmen, and is now fast approaching completion. For some little time the dining-rooms on these wards have been occupied and have proven well adapted to their use. A porcelain sink with hot and cold water has been put in, and a fire-proof shaft built for the food lift. In all new work special reference has been had to limiting the possibility of fire. Metallic lathing has been used on ceilings, and construction fire-stopped in every case. Matters have constantly occurred to interrupt this work and to divert our forces into various unexpected but necessary channels. One wooden waiter shaft remained on the south wings which communicated with the attic. It was the plan to remove this in the near future in the general course of construction. It was such a menace to the safety of the asylum, however, that it has been torn out and rebuilt with brick. This removes from the wards the last of the old waiter shafts, and now no wooden flue communicates with the attics in any portion of the house which is occupied by patients. The plumbing in the water-section of the chapel wing was old and on inspection found to need such extensive

repairs that it was deemed cheaper and more satisfactory to put in entirely new work. This has been done and adds greatly to the comfort and convenience of the occupants of that portion of the building.

As soon as the finances of the institution will permit I should advise that something be done in the way of general repairs in the administration building and chapel wing. These now need attention more than any other portions of the asylum. The sanitary condition is good so far as the plumbing goes, but the ventilation is poor, and much can be done to better the general arrangement. The reception room for visitors should be rendered more attractive, and the general office needs renovation. By another season the outside woodwork of the buildings will need painting all around.

Two attendants have been constantly engaged in taking out patients to work. No difficulty has been experienced in finding profitable occupation for them. They have maintained a general supervision of the grounds, kept the walks and roadways in repair, done a great amount of grading and filling, and assisted the carpenter and mason in various ways. A long retaining wall has been built, beside the drive-way at the rear entrance of the asylum, almost wholly by patients' labor. This serves to better enclose the orchard and improves the appearance of the approach. Several of our inmates are skilled mechanics and have rendered valuable assistance.

Much difficulty has been experienced in the past in the proper inspection and supervision of the Hermitage pond, which is the chief source of the asylum water supply. The trees and bushes, growing close to the water's edge and in many places overhanging, formed a screen and barrier which favored the collection of vegetable matter and prevented its easy removal. In the autumn, at the falling of the leaves, they proved a further source of trouble. Last winter these trees and bushes were removed all around the reservoir for a space of perhaps twenty feet from the water line. Though the cleared space should undoubtedly have been wider, a marked improvement has resulted.

During the past year the asylum has lost a faithful servant by the death of Miss Graves, its matron. She had served the

institution in this capacity ever since its organization — a period of nearly sixteen years. She passed away after a long and painful illness. I desire to record my appreciation of her worth and character, both as a matron and as a woman.

The weekly entertainments in the chapel have been largely attended during the winter. Sunday services have been held as usual.

The average weekly cost has been $3.03.

The publishers of the "Worcester Evening Gazette" regularly contribute a copy of their paper, and the Hospital Newspaper Society kindly remembers us each year with a supply of illustrated papers, magazines, and miscellaneous reading matter.

E. V. SCRIBNER,
Superintendent.

WORCESTER, MASS., Oct. 2, 1893.

REVISED TABLES

FOR

UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS
FOR THE INSANE.

APPROVED BY THE STATE BOARD OF LUNACY AND CHARITY,
MARCH 10, 1891.

1. — *General Statistics of the Year.*

	Insane.			Habitual Drunkards.			Voluntary Patients.			Aggregates.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in Asylum Oct. 1, 1892,	233	216	449	–	–	–	–	–	–	233	216	449
Admitted within the year,	40	30	70	–	–	–	–	–	–	40	30	70
Whole number of cases within the year,	273	246	519	–	–	–	–	–	–	273	246	519
Discharged within the year,	42	23	65	–	–	–	–	–	–	42	23	65
Viz.: as recovered,*	–	–	–	–	–	–	–	–	–	–	–	–
much improved,*	1	–	1	–	–	–	–	–	–	1	–	1
improved,*	2	1	3	–	–	–	–	–	–	2	1	3
not improved,*	1	2	3	–	–	–	–	–	–	1	2	3
not insane,*	–	–	–	–	–	–	–	–	–	–	–	–
Deaths,	38	20	58	–	–	–	–	–	–	38	20	58
Patients remaining Sept. 30, 1893,	231	223	454	–	–	–	–	–	–	231	223	454
Viz.: supported as State patients,	77	62	139	–	–	–	–	–	–	77	62	139
town patients,	154	161	315	–	–	–	–	–	–	154	161	315
private patients,	–	–	–	–	–	–	–	–	–	–	–	–
Number of different persons within the year,	273	246	519	–	–	–	–	–	–	273	246	519
Persons admitted,	40	30	70	–	–	–	–	–	–	40	30	70
Persons recovered,	–	–	–	–	–	–	–	–	–	–	–	–
Daily average number of patients,	234.82	212.12	446.94	–	–	–	–	–	–	234.82	212.12	446.94
Viz.: State patients,	86.74	56.39	143.13	–	–	–	–	–	–	86.74	56.39	143.13
town patients	148.08	155.73	303.81	–	–	–	–	–	–	148.08	155.73	303.81

* At time of leaving asylum.

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	Admissions.			Discharges.			Deaths.			Daily Average of Patients in the House.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1892.												
October,	–	–	–	6	3	9	6	3	9	231.78	215.22	447.00
November,	20	–	20	3	–	3	3	–	3	232.36	213.00	445.36
December,	–	–	–	3	1	4	3	1	4	243.61	212.22	455.83
1893.												
January,	–	–	–	3	3	6	3	2	5	240.26	210.64	450.90
February,	–	–	–	1	2	3	1	2	3	237.28	208.00	445.28
March,	–	–	–	–	2	2	–	2	2	237.00	206.09	443.09
April,	–	–	–	4	3	7	4	3	7	236.20	201.93	438.13
May,	–	–	–	2	3	5	2	3	5	231.97	200.22	432.19
June,	–	30	30	3	1	4	3	1	4	229.03	200.83	429.86
July,	–	–	–	2	–	2	2	–	2	227.39	226.19	453.58
August,	20	–	20	5	2	7	3	2	5	235.29	226.19	461.48
September,	–	–	–	10	3	13	8	1	9	235.63	224.93	460.56
Total of cases,	40	30	70	42	23	65	38	20	58	–	–	–
Total of persons,	40	30	70	42	23	65	38	20	58	–	–	–
Daily average,	–	–	–	–	–	–	–	–	–	234.82	212.12	446.94

3. — Received on First and Subsequent Admissions.

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, ...	39	30	69	–	–	–
Second, ...	1	–	1	–	–	–
Third, ...	–	–	–	–	–	–
Total of cases, . .	40	30	70	–	–	–
Total of persons, . .	40	30	70	–	–	–

4. — Relation to Hospitals of Persons admitted.

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . .	–	–	–
Former inmates of this asylum only, . .	–	–	–
of other hospitals only, . .	39	30	69
of this asylum and other hospitals, ...	1	–	1
Total of persons, ...	40	30	70

5. — Parentage of Persons admitted.

PLACES OF NATIVITY.	Males.		Females.		Totals.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown, ...	40	40	30	30	70	70
Total, ...	40	40	30	30	70	70

6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts: —			
Suffolk County, ...	7	22	29
Bristol County, ...	9	2	11
Worcester County, ...	9	–	9
Norfolk County, ...	4	5	9
Middlesex County, ...	8	–	8
Plymouth County, ...	2	1	3
Dukes County, ...	1	–	1
Totals, ...	40	30	70
Viz: Cities or towns,*	24	26	50
country districts, ...	16	4	20

* Containing not less than 10,000 inhabitants.

7. — Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, ...	18	16	34	20	10	30	1	4	5	–	–	–	39	30	69
Second, ...	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
Totals, ...	18	16	34	21	10	31	1	4	5	–	–	–	40	30	70

8. — Occupations of Persons admitted.

MALES.		FEMALES.	
Laborers,	10	Housewives,	10
Machinists,	5	Domestics,	10
Shoe-makers,	4	Housekeepers,	2
Painters,	2	Seamstress,	1
Store-keepers,	2	Cook,	1
Farmers,	2	Unknown,	2
Boot-maker,	1	No occupation,	4
Baker,	1	Total,	30
Barber,	1	WIFE OR DAUGHTER OF.	
Stableman,	1		
Hostler,	1	Unknown,	30
Coachman,	1		
Plumber,	1		
Pattern maker,	1		
Mechanic,	1		
No occupation,	6		
Totals,	40	Total,	30

9. — Probable Causes of Disease in Persons admitted.

CAUSES.	Patients Admitted.									Insane.						Habitual Drunkards.						Voluntary Patients.					
	Insane.			Habitual Drunkards.			Voluntary Patients.			Previous Attacks.			Hereditary Predisposition.			Previous Attacks.			Hereditary Predisposition.			Previous Attacks.			Hereditary Predisposition.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Physical: —																											
Intemperance,	10	2	12	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Epilepsy,	6	2	8	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sunstroke,	3	-	3	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sickness,	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Overwork,	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Injury to head,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senility,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralysis,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
La Grippe,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal,	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Climacteric,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Mental: —																											
Heredity,	4	3	7	-	-	-	-	-	-	-	1	1	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-
Fright,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worry,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grief,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Abuse,	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Unknown,	11	10	21	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Totals,	40	30	70	-	-	-	-	-	-	1	1	2	9	5	14	-	-	-	-	-	-	-	-	-	-	-	-

10. — Record of Cases admitted within the Year.

PATIENTS.	Insane.			Habitual Drunkards.			Voluntary Patients.			Aggregates.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females	Totals.	Males.	Females.	Totals.
Admitted,	40	30	70	–	–	–	–	–	–	40	30	70
Discharged: recovered,	–	–	–	–	–	–	–	–	–	–	–	–
much improved,	–	–	–	–	–	–	–	–	–	–	–	–
improved,	1	–	1	–	–	–	–	–	–	1	–	1
not improved,	–	–	–	–	–	–	–	–	–	–	–	–
not insane,	–	–	–	–	–	–	–	–	–	–	–	–
Died,	7	–	7	–	–	–	–	–	–	7	–	7
Remaining Sept. 30, 1893,	32	30	62	–	–	–	–	–	–	32	30	62
Number likely to recover or improve,	–	–	–	–	–	–	–	–	–	–	–	–

11. — Ages of Insane at First Attack, Admissions and Death.

AGES.	Persons First Admitted to any Hospital.						Persons Died.					
	At first attack.			When admitted.			At first attack.			At time of death.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	–	–	–	–	–	–	1	1	2	–	–	–
15 years and less,	–	–	–	–	–	–	3	1	4	–	–	–
From 15 to 20 years,	–	–	–	–	–	–	4	–	4	–	–	–
20 to 25 years,	–	–	–	–	–	–	1	1	2	2	–	2
25 to 30 years,	–	–	–	–	–	–	3	4	7	–	1	1
30 to 35 years,	–	–	–	–	–	–	5	5	10	7	3	10
35 to 40 years,	–	–	–	–	–	–	1	1	2	4	1	5
40 to 50 years,	–	–	–	–	–	–	6	2	8	8	4	12
50 to 60 years,	–	–	–	–	–	–	3	1	4	5	3	8
60 to 70 years,	–	–	–	–	–	–	2	–	2	5	5	10
70 to 80 years,	–	–	–	–	–	–	1	–	1	6	2	8
Over 80 years,	–	–	–	–	–	–	–	–	–	1	1	2
Unknown,	–	–	–	–	–	–	8	4	12	–	–	–
Not insane,	–	–	–	–	–	–	–	–	–	–	–	–
Total of persons,	–	–	–	–	–	–	38	20	58	38	20	58
Mean ages,	–	–	–	–	–	–	36.00	32.73	34.89	49.13	52.25	50.21

12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	–	–	–	–	–	–	–	–	–
Under 1 month,	–	–	–	–	–	–	–	–	–
From 1 to 3 months,	–	–	–	–	–	–	–	–	–
3 to 6 months,	–	–	–	–	–	–	–	–	–
6 to 12 months,	–	–	–	–	2	2	–	2	2
1 to 2 years,	–	–	–	–	2	2	–	2	2
2 to 5 years,	–	–	–	13	9	22	13	9	22
5 to 10 years,	–	–	–	10	5	15	10	5	15
10 to 20 years,	–	–	–	8	4	12	8	4	12
Over 20 years,	–	–	–	2	1	3	2	1	3
Unknown,	–	–	–	7	7	14	7	7	14
Not insane,	–	–	–	–	–	–	–	–	–
Total of cases,	–	–	–	40	30	70	40	30	70
Total of persons,	–	–	–	40	30	70	40	30	70
Average in years,	–	–	–	8.58	7.16	8.00	8.58	7.16	8.00

13. — Forms of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

Forms of Disease.	Cases Admitted.			Cases Discharged.																	
				Recovered.			Much Improved.			Improved.			Not Improved.			Died.			Aggregate.		
	Ma.	Fe.	Tot.	Ma	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
A. — Insane:																					
Mania, chronic,	7	18	25	–	–	–	1	–	1	–	1	1	–	1	1	6	1	7	7	3	10
Dementia, chronic,	22	10	32	–	–	–	–	–	–	2	–	2	1	–	1	18	14	32	21	14	35
paralytic,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	2	–	2
epileptic,	6	1	7	–	–	–	–	–	–	–	–	–	–	1	1	8	4	12	8	5	13
senile,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	2	–	2
General paralysis,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Congenital deficiency,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
B. — Habitual drunkards,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C. — Voluntary patients,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total of cases,	40	30	70	–	–	–	1	–	1	2	1	3	1	2	3	38	20	58	42	23	65
Total of persons,	40	30	70	–	–	–	1	–	1	2	1	3	1	2	3	38	20	58	42	23	65

14. — Discharges, classified by Admission and Result.

NUMBER OF ADMISSIONS.	Recovered.			Much Improved.			Improved.			Not Improved.			Died.			Not Insane.			Totals.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	–	–	–	1	–	1	2	1	3	1	2	3	36	17	53	–	–	–	40	20	60
Second,	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5	–	–	–	2	3	5
Total of cases,	–	–	–	1	–	1	2	1	3	1	2	3	38	20	58	–	–	–	42	23	65
Total of persons,	–	–	–	1	–	1	2	1	3	1	2	3	38	20	58	–	–	–	42	23	65

15. — Causes of Death.

CAUSES.	Insane.			Habitual Drunkards.			Voluntary Cases.			Totals.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —												
Apoplexy,	–	1	1	–	–	–	–	–	–	–	1	1
Epilepsy,	8	2	10	–	–	–	–	–	–	8	2	10
Epileptiform convulsions,	4	–	4	–	–	–	–	–	–	4	–	4
General paralysis,	1	–	1	–	–	–	–	–	–	1	–	1
Paralysis,	3	2	5	–	–	–	–	–	–	3	2	5
Respiratory system: —												
Phthisis,	10	9	19	–	–	–	–	–	–	10	9	19
Digestive system: —												
Peritonitis,	1	–	1	–	–	–	–	–	–	1	–	1
General: —												
Heart disease,	2	1	3	–	–	–	–	–	–	2	1	3
Tuberculosis,	2	–	2	–	–	–	–	–	–	2	–	2
Bright's disease,	1	–	1	–	–	–	–	–	–	1	–	1
Old age,	–	3	3	–	–	–	–	–	–	–	3	3
Exhaustion,	6	2	8	–	–	–	–	–	–	6	2	8
Totals,	38	20	58	–	–	–	–	–	–	38	20	58

16. — *Recoveries, classified by Duration of Disease and of Treatment.*

PERIOD.	Last Attack.									All Attacks.					
	Duration before admission.			Hospital residence.			Whole duration from the attack.			Whole known period of mental disease.			Whole known period of hospital residence.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —															
Congenital,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Under 1 month,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
From 1 to 3 months,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 to 6 months,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 to 12 months,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 to 2 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 to 5 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5 to 10 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10 to 20 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 20 years,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unknown,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Average of known cases,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
B. — Habitual drunkards,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C. — Voluntary patients,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	Last Attack.									All Attacks.					
	Duration before admission to any hospital.			Hospital residence.			Whole duration from the attack.			Whole known period of mental disease.			Whole known period of hospital residence.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —															
Congenital, . . .	1	–	1	–	–	–	1	–	1	1	–	1	–	–	–
Under 1 month, . .	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–
From 1 to 3 months, .	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
3 to 6 months, .	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
6 to 12 months, .	7	2	9	1	–	1	–	–	–	1	–	1	1	–	1
1 to 2 years, .	3	–	3	3	–	3	1	–	1	2	–	2	4	–	4
2 to 5 years, .	3	3	6	14	4	18	8	2	10	12	3	15	14	4	18
5 to 10 years, .	3	2	5	8	3	11	6	2	8	7	3	10	8	5	13
10 to 20 years, .	–	1	1	7	7	14	8	5	13	11	8	19	7	8	15
Over 20 years, . .	–	–	–	4	2	6	1	2	3	4	6	10	4	3	7
Unknown, . . .	14	10	24	1	4	5	13	9	22	–	–	–	–	–	–
Totals, . . .	38	20	58	38	20	58	38	20	58	38	20	58	38	20	58
Average known cases (in years), . .	1.28	3.33	2.21	8.28	13.50	9.86	8.55	14.32	10.36	9.23	17.28	12.06	8.12	14.07	10.17
B. — Habitual drunkards,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C. — Voluntary patients, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

18. — Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths within the Official Year, and the Number of Each Year's Admissions remaining Sept. 30, 1893.

YEARS ENDING SEPT. 30.	NEW CASES. (FIRST ADMISSION TO THIS ASYLUM.)																	
	ADMITTED.			DISCHARGED AND DIED IN 1892-93.														
				RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Previous years,	410	332	742	–	–	–	1	–	1	1	–	1	–	–	–	5	6	11
1885,	24	38	62	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1886,	41	30	71	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1887,	21	24	45	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1888,	46	13	59	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
1889,	31	4	35	–	–	–	–	–	–	–	–	–	–	–	–	4	–	4
1890,	32	13	45	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
1891,	40	95	135	–	–	–	–	–	–	–	1	1	–	2	2	5	10	15
1892,	53	28	81	–	–	–	–	–	–	–	–	–	1	–	1	13	1	14
1893,	39	30	69	–	–	–	–	–	–	1	–	1	–	–	–	7	–	7
Totals,	737	607	1,344	–	–	–	1	–	1	2	1	3	1	2	3	36	17	53

18.—Annual Admissions, etc.—Concluded.

YEARS ENDING SEPT. 30.	READMITTED CASES. (READMISSIONS OF PERSONS PREVIOUSLY ADMITTED TO THIS ASYLUM.)																		REMAINING OF EACH YEAR'S ADMISSIONS SEPT. 30, 1893.		
	ADMITTED.			DISCHARGED AND DIED IN 1892-93.																	
				RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.					
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Previous years,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	68	57	125
1885,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5	11	16
1886,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	4	19
1887,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	10	3	13
1888,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	6	21
1889,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	1	16
1890,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15	2	17
1891,	2	28	30	–	–	–	–	–	–	–	–	–	–	–	–	1	3	4	21	82	103
1892,	4	3	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	35	27	62
1893,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	32	30	62
Totals,	8	33	41	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5	231	223	454

19. — Relapsed Cases admitted in Each Year and discharged in 1892–93.

YEARS ENDING SEPT. 30.	CASES PREVIOUSLY RECOVERED IN THIS ASYLUM.																		REMAINING SEPT. 30, 1893.		
	ADMITTED.			DISCHARGED AND DIED IN 1892-93.																	
				RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.					
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Previous years,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1885,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1886,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1887,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1888,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1889,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1890,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1891,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1892,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1893,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–